BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs.	1500000.00

Name of Work: Detailed Estimate for the work of Providing Grills at Allalasandra lake in ward no-04 yelahanka division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19)	cum							
			1	42.00	0.90	1.00	37.80		
	Basic Rate	180.00					37.80	190.80	7212.00
	Area Weightage @ 6%	10.80							
	Total	**190.80**							
2	KSRRB M100-1 :- Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No 17.1) SR 2018-19	cum							
	Basic Rate for loading and unloading	57.00	Vide Item No. 1				37.80	87.56	3310.00
	Basic Rate for Haulage upto 8.00 k.m =1.28 X 2.50 X 8	25.60							
	Basic Rate	82.60							
	Area Weightage 6%	4.96							
	Grand Total	87.56							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 408, (P.No.13, I.No.4-1.2 of PW,P&IWTD S.R 2018-19)	Cum							
	..		1	42.00	0.75	0.15	4.73		
							4.73	**5505.64**	**26014.00**
	Basic Rate	5194.00							
	Area Weightage @ 6%	311.64							
	Total	**5505.64**							
4	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (Page No. 23/ Item No. 5.6)	Sqm							
			1	42.00	0.75	0.60	18.90		
			1	42.00	0.60	0.80	20.16		
							39.06	**4871.76**	**190291.00**
	Basic Rate	4596.00							
	Area Weightage @ 6%	275.76							
	Total	**4871.76**							
5	Providing and laying Plain /reinforced cement concrete for side drains wall and bottom thickness 15cm using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification No.1500,1700,2200 Page No 265 Ite mo 37.59.2 SR 2018-19	**Cum**							
	for coping		1	42.00	0.60	0.12	3.02		
							3.02	**7070.20**	**21380.00**
	Basic Rate	6670.00							
	Area Weightage @ 6%	400.20							
	Total	**7070.20**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRB 15.1.1. Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.(Page No.113/Item No. 15.1)	Sqm							
			2	42.00		0.60	50.40		
							50.40	149.46	**7533.00**
	Basic Rate	141.00							
	Area Weightage @ 6%	8.46							
	Total	**149.46**							
7	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate)	**sqm**							
			1	42.00	2.50		105.00		
							105.00	**9144.00**	**960120.00**
	data rate	9144.00							
8	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.6mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate	Nos							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	3.00		3.20	9.60		
							9.60	12475.00	119760.00
	Data rate	12475.00							
							Sub total		1335620.00
							GST 12%		160274.40
									4105.60
8	Miscellaneous charges							Total	1500000.00
	(Rupees Fifteen lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 15.00 Lakhs
Fifteen Lakhs only
is accorded under head P-1771-2018-19
Registered as CE No. 219/18-19 Subject to conditions contained in enclosed memo No. CE/EE/219/18-19 Dt. 25.2.19

Chief Engineer
By Jayanagara Zone
Bangalore Delhi

TECHNICALLY SANCTIONED FOR Rs. 15.00 Lakhs
Rupees Fifteen Lakhs only
Under P-1771-2018-19
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. Estimate A/ Sanctioned
EE/TC/100/18-19 No.
Dated 25.02.19 Rs. 15.00 Lakhs

Executive Engineer

150 - YELAHANKA AC

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 4 - YELHANKA SATELLITE TOWN

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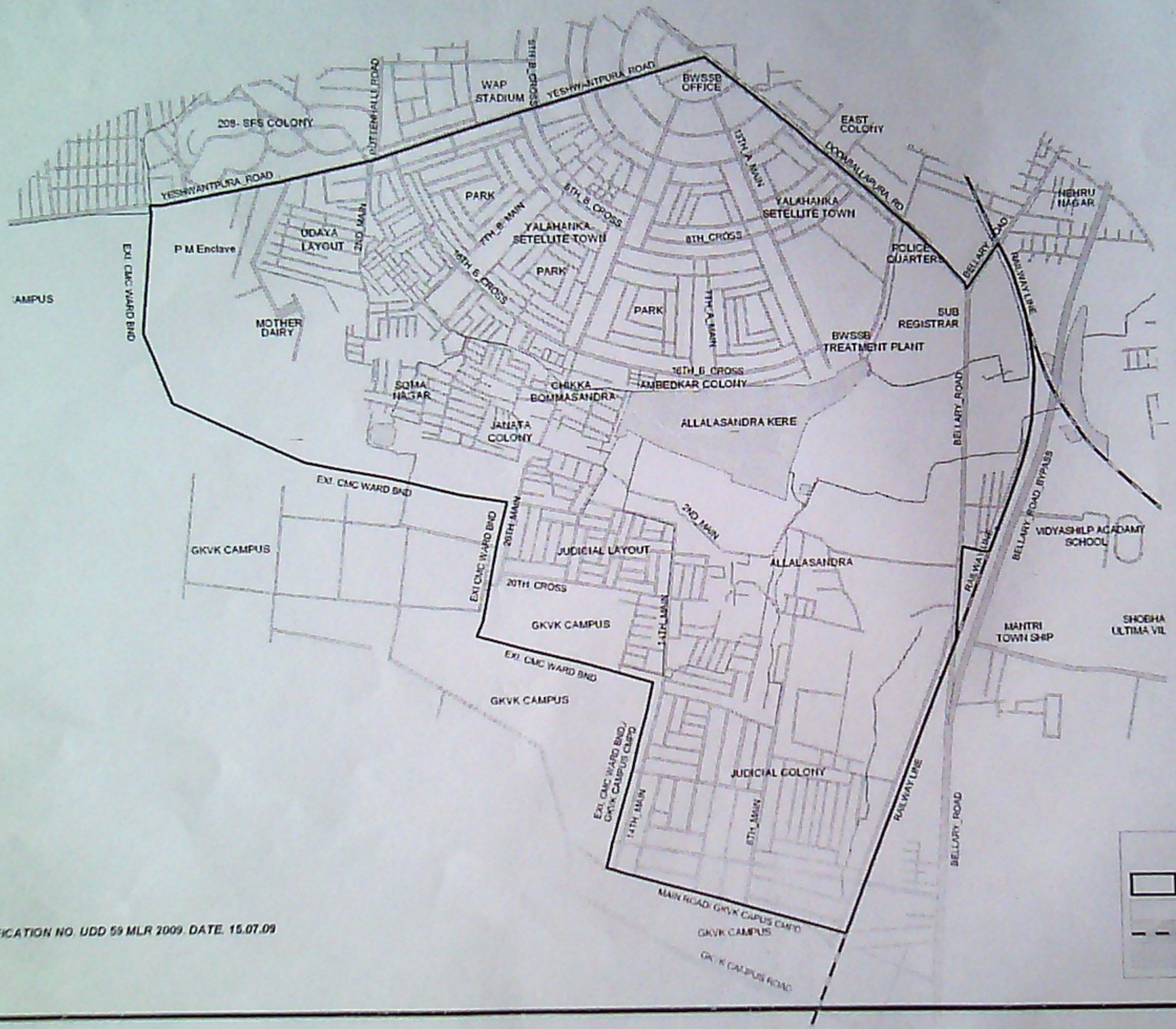

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NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09